Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method for compressing data sent to a printer with no significant change in the output image, comprising:

generating a first set of image pixels having corresponding printing hints,

adjusting the printing hints to produce a second set of image pixels by adjusting the printing hints for image pixels that are fully saturated,

wherein fully saturated pixels that are sequentially adjacent to pixels with printing hints indicating they are edge pixels will have their printing hints changed to indicate that they are edge pixels and will propagate the adjustment to further sequentially adjacent fully saturated pixels; and

wherein the adjusted printing hints require less memory space than the original printing hints.

2. (Canceled).

3. (Currently Amended) The method according to ~~Claim 2~~Claim 1, further comprising:

adjusting printing hints for image pixels that are zero wherein zero pixels that are sequentially adjacent to pixels with printing hints indicating they are edge pixels will have their printing hints changed to indicate that they are edge pixels and will propagate the adjustment to further sequentially adjacent zero pixels.

4. (Original) The method according to Claim 1, further comprising:

losslessly compressing the adjusted printing hints.

5. (Original) The method according to Claim 1, further comprising:

using run length compression to compress the adjusted printing hints.

6. (Original) The method according to Claim 1, further comprising:

adjusting printing hints for a saturated pixel from a text pixel to edge pixel when there is no significant change in the end printed result.

7. (Original) The method according to Claim 1, further comprising:

reducing entropy in the printing hints by greater than forty percent.

8. (Previously Presented) A method for compressing data sent to a printer with no significant change in an output image, comprising:

generating image pixels having corresponding printing hints;

processing saturated pixels with different printing hints values by specifically processing at least one of, a saturated pixel sequentially adjacent to an edge pixel from a text pixel to an edge pixel and a zero pixel sequentially adjacent to an edge pixel from a background pixel to an edge pixel,;

wherein the different printing hints require less memory space than the original printing hints.

9-10. (Canceled).

11. (Original) The method according to Claim 8, further comprising:

compressing the different rendering hint values using run length encoding.

12. (Original) The method according to Claim 8, further comprising:

losslessly compressing the different rendering printing hint.

13. (Previously Presented) A printer comprising:

a contone rendering module for generating a first set of image pixels having corresponding printing hints for processing saturated pixels thereby producing different printing hint values, and

an image output terminal for receiving the different printing hint values to produce a second set of image pixels;

wherein the contone rendering module produces different printing hint values, wherein fully saturated pixels that are sequentially adjacent to pixels with printing hints indicating they are edge pixels will have their printing hints changed to indicate they are edge pixels and will propagate the adjustment to further sequentially adjacent fully saturated pixel; and

the different printing hint values requiring less memory space than the first printing hints.

14. (Canceled).

15. (Previously Presented) The printer according to Claim 13, wherein the contone rendering module produces different printing hint values for image pixels that are zero wherein zero pixels that are sequentially adjacent to pixels with printing hints indicating they are edge pixels will have their printing hints changed to indicate that they are edge pixels and will propagate the adjustment to further sequentially adjacent fully saturated pixel.

16. (Original) The printer according to Claim 13, wherein the contone rendering module losslessly compresses the different printing hint values.

17. (Currently Amended) The printer according to Claim 13, wherein the contone rendering module ~~produces use~~uses run length compression to compress the adjusted printing hint values.

18. (Original) The printer according to Claim 13, wherein the contone rendering module adjusts printing hint values for a saturated pixel from a text pixel to edge pixel when there is no significant change in the end printed result.

19. (Original) The printer according to Claim 13, wherein the contone rendering module reduces entropy in the printing hints by greater than forty percent.

20. (Previously Presented) The printer according to Claim 13, wherein the contone rendering module uses more than one compression algorithm.